

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/05924

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G11B7/007 G11B27/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/060965 A1 (MAEDA SHIGEMI ET AL) 23 May 2002 (2002-05-23) paragraph '0012! - paragraph '0029! paragraph '0085! - paragraph '0096! figures 13A-15C	1-6,8,10
X	EP 0 986 051 A (SANYO ELECTRIC CO) 15 March 2000 (2000-03-15) paragraph '0007! paragraph '0012! - paragraph '0026! figures 1-5	1-5,8,10
A	EP 0 786 767 A (SHARP KK) 30 July 1997 (1997-07-30) column 4, line 18 - column 5, line 35 column 7, line 45 - column 9, line 20 figures 1,5a	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
19 May 2004	28/05/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Pacholec, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 031 816 A (HIROKANE JUNJI ET AL) 29 February 2000 (2000-02-29) column 3, line 12 – column 4, line 42; figures 1-2b,7-10 -----	1-11

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